

se	Population	Factor of Development	Total Area Area		Gross Area			Population	Daily Load Demand	Inflow & Infiltration (I&I)	Daily Load
	Per Acre	Efficiency	sf	acres	sf	acres	per acre	~~	GPD	GPD/Acre	GPD
	20.00	90%	0	0.00	0	0.00	800	0	0	400	0
	20.00	90%	0	0.00	0	0.00	800	0	0	400	0
	20.00	90%	0	0.00	0	0.00	1,000	0	0	400	0
	20.00	90%	0	0.00	0	0.00	600	0	0	400	o
	20.00	90%	8,193,288	188.09	7,373,959	169.28	1,200	3,386	203,139	400	75,237
	20.00	90%	0	0.00	0	0.00	1,200	0	0	400	0
	20.00	90%	13,151,352	301.91	11,836,217	271.72	1,000	5,434	271,722	400	120,765
		90%	0	0.00	0	The second s		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	0	400	0
netery	0.00	90%	0	0.00	0	0.00	0	0	0	400	0
ty	22.00	90%	0	0.00	0	0.00	70	0	0	400	0
ensity	9.80	90%	0	0.00	0	0.00	80	0	0	400	0
ty	7.50	90%	0	0.00	0	0.00	90	0	0	400	0
	Total	s	21,344,640	490	19,210,176	441		8,820	474,862		196,002

PEAK FACTOR	=	3.01	FLOWS		
M = 1 +14	$\Xi$	3.01	AVERAGE	PEAK	UNIT
4 + P^0.5			466	1,128	GPM
			670,864	1,624,693	GPD
P = 8.82	Min.	PF 2.50	0.671	1.625	MGD

e	Population	Factor of Development	Total A Area	rea	Gross Area		Ave. Daily Demand	Population	Daily Load Demand	Inflow & Infiltration (I&I)	Daily Load
	Per Acre	Efficiency	sf	acres	sf	acres	per acre		GPD	GPD/Acre	GPD
	20.00	90%	0	0.00	0	0.00	800	0	0	400	0
	20.00	90%	0	0.00	0	0.00	800	0	0	400	0
	20.00	90%	0	0.00	0	0.00	1,000	0	0	400	0
	20.00	90%	0	0.00	0	0.00	600	0	0	400	0
	20.00	90%	0	0.00	0	0.00	1,200	0	0	400	0
	20.00	90%	0	0.00	0	0.00	1,200	0	0	400	0
	20.00	90%	1,050,185	24.11	945,166	21.70	1,000	434	21,698	400	9,644
		90%	0	0.00	0				0	400	0
tery	0.00	90%	0	0.00	0	0.00	0	0	0	400	0
	22.00	90%	1,935,109	44.42	1,741,598	39.98	70	880	61,572	400	17,770
sity	9.80	90%	0	0.00	0	0.00	80	0	0	400	0
12/17	7.50	90%	0	0.00	0	0.00	90	0	0	400	0
	Totals	5	2,985,294	69	2,686,764	62		1,314	83,270		27,413

P	EAK FACTOR	=	3.72			
				FLOWS		
+	14	-	3.72	AVERAGE	PEAK	UNIT
	4 + P^0.5		L	77	234	GPM
				110,683	337,218	GPD
P =	1.31	Min. F	PF 2.50	0.111	0.337	MGD

e	Population	Factor of Development	Total A Area	rea	Gross Area		Ave. Daily Demand Populati per acre	Population	Daily Load ation Demand	Inflow & Infiltration (I&I) GPD/Acre	Daily Load I&I GPD
	Per Acre	Efficiency	sf	acres	sf	acres		0.4	GPD		
	20.00	90%	87,053	2.00	78,348	1.80	800	36	1,439	400	799
	20.00	90%	0	0.00	0	0.00	800	0	0	400	0
	20.00	90%	0	0.00	0	0.00	1,000	0	0	400	0
	20.00	90%	0	0.00	0	0.00	600	0	0	400	0
	20.00	90%	10,626,677	243.95	9,564,009	219.56	1,200	4,391	263,471	400	97,582
	20.00	90%	0	0.00	0	0.00	1,200	0	0	400	0
	20.00	90%	14,201,537	326.02	12,781,383	293.42	1,000	5,868	293,420	400	130,409
		90%	0	0.00	0				0	400	0
etery	0.00	90%	0	0.00	0	0.00	0	0	0	400	0
	22.00	90%	4,294,480	98.59	3,865,032	88.73	70	1,952	136,643	400	39,435
sity	9.80	90%	0	0.00	0	0.00	80	0	0	400	0
	7.50	90%	0	0.00	0	0.00	90	0	0	400	0
	Totals	5	29,209,746	671	26,288,771	604	( )	12,248	694,973		268,225

PEAK FACTOR	= 2.87	
		FLOWS
$M = 1 + \frac{14}{4 + P^{0.5}}$	= 2.87	AVEF 60
P = 12.25	Min. PF 2.50	963. 0.9

			EXHIBIT	TIV-O TPoint A	(Existing	conditio	ons)
Item	Zoning District	Land Use	Population	Factor of Development	Total A Area	rea	Gross
			Per Acre	Efficiency	sf	acres	sf
1	С	Commercial	20.00	90%	225,120	5.17	202,608
2	CI	Commercial Industrial	20.00	90%	0	0.00	0
3	EC	Employment Center	20.00	90%	0	0.00	0
4	Р	Public Uses	20.00	90%	0	0.00	0
5	SC	Special Commercial	20.00	90%	4,814,070	110.52	4,332,663
6	SD	Special District	20.00	90%	979,636	22.49	881,672
7	LI	Tech Light Industrial	20.00	90%	3,695,336	84.83	3,325,803
8	MU	Mixed Use		90%	0	0.00	0
9	0	Open Space-Park-Cemetery	0.00	90%	0	0.00	0
10	R-1	Residential High Density	22.00	90%	6,353,244	145.85	5,717,920
11	R-2	Residential Medium Density	9.80	90%	0	0.00	0
12	R-3	Residential Low Density	7.50	90%	0	0.00	0

PEAK FACT	OR =
$M = 1 + \frac{14}{4 + P^{0}}$	.5 =
P = 6.90	Min. PF